

MAR 22 2006

PTO/SB/97 (08-00)

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DJ Bogorodsky

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In re: application of: Xiaopeng Chen et al.Application Number: 09/882,283Filed: June 14, 2001Confirmation Number: 7871Title: METHOD FOR ITERATIVE AND NON-ITERATIVE DATA DETECTION USING REDUCED-STATE SOFT-  
INPUT/SOFT-OUTPUT ALGORITHMS FOR COMPLEXITY REDUCTIONAtty Docket Number: 020945-001510US KFC/djb

Being faxed to Examiner - Joseph D. Torres Group 2133 at facsimile number 1-571-273-8300 are the  
following documents:

This PTO/SB/97 Certificate of Transmission (1 page);  
PTO/SB/21 Transmittal Form (1 page); and  
Amendment after Notice of Allowance (11 pages)

Number of pages being transmitted: 13

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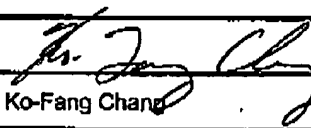
Townsend and Townsend and Crew LLP  
Telephone -- 650-326-2400  
Facsimile -- 650-326-2422

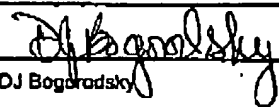
MAR 22 2006

PTO/SB/21 (09-04)

<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/882,283	
	Filing Date	June 14, 2001	
	First Named Inventor	Chen, Xiaopeng	
	Art Unit	2133	
	Examiner Name	Joseph D. Torres	
Total Number of Pages in This Submission	13	Attorney Docket Number	020945-001510US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply (11pgs) <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input checked="" type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO/SB/97 Certificate of Transmission (1pg) this PTO/SB/21 Transmittal Form (1pg)
Remarks: The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Townsend and Townsend and Crew LLP		
Signature			
Printed name	Ko-Fang Chang		
Date	March 22, 2006	Reg. No.	50,829

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PATENT  
Attorney Docket No.: 020945-001510US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Xiaopeng Chen et al.

Application No.: 09/882,283

Filed: June 14, 2001

For: METHOD FOR ITERATIVE AND  
NON-ITERATIVE DATA DETECTION  
USING REDUCED-STATE SOFT-  
INPUT/SOFT-OUTPUT ALGORITHMS  
FOR COMPLEXITY REDUCTION

Customer No.: 20350

Confirmation No. 7871

Examiner: Joseph D. Torres

Technology Center/Art Unit: 2133

AMENDMENT AFTER ALLOWANCE  
UNDER 37 CFR § 1.312(a)

**Mail Stop Issue Fee**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notice of Allowance mailed March 8, 2006, please amend the  
above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this  
paper.

**Remarks/Arguments** begin on page 11 of this paper.